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bird and control and marine and streamer and cable and depth	29

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*Seems
5/8/200*☐ 1. Document ID: US 6049507 A

Entry 1 of 29

File: USPT

Apr 11, 2000

US-PAT-NO: 6049507

DOCUMENT-IDENTIFIER: US 6049507 A

TITLE: Method and apparatus for correcting effects of ship motion in marine
seismology measurements

DATE-ISSUED: April 11, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Allen; Kenneth Paul	Dallas	TX	N/A	N/A

US-CL-CURRENT: 367/21; 367/46, 367/62

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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☐ 2. Document ID: US 6031789 A

Entry 2 of 29

File: USPT

Feb 29, 2000

US-PAT-NO: 6031789

DOCUMENT-IDENTIFIER: US 6031789 A

TITLE: Magnetic drive subassembly in a depth control device

DATE-ISSUED: February 29, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Broussard; Keith	Houston	TX	N/A	N/A
Sprain; Alan	Houston	TX	N/A	N/A
Erath; Louis W.	Abbeville	LA	N/A	N/A

US-CL-CURRENT: 367/16; 367/17

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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☐ 3. Document ID: US 6016286 A

Entry 3 of 29

File: USPT

Jan 18, 2000

US-PAT-NO: 6016286
DOCUMENT-IDENTIFIER: US 6016286 A

TITLE: Depth control device for an underwater cable
DATE-ISSUED: January 18, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Olivier; AndreW.	River Ridge	LA	N/A	N/A
Ragan; Bryant G.	Metairie	LA	N/A	N/A
Cronvich; James T.	Harahan	LA	N/A	N/A

US-CL-CURRENT: 367/17; 114/245, 118/110, 367/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Image
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☐ 4. Document ID: US 6011753 A

Entry 4 of 29

File: USPT

Jan 4, 2000

US-PAT-NO: 6011753
DOCUMENT-IDENTIFIER: US 6011753 A

TITLE: Control and monitoring of devices external to a marine seismic streamer
DATE-ISSUED: January 4, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chien; Loring C.	Katy	TX	N/A	N/A

US-CL-CURRENT: 367/21; 181/110, 367/76

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Image
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☐ 5. Document ID: US 6011752 A

Entry 5 of 29

File: USPT

Jan 4, 2000

US-PAT-NO: 6011752
DOCUMENT-IDENTIFIER: US 6011752 A

TITLE: Seismic streamer position control module
DATE-ISSUED: January 4, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ambs; Loran D.	Fulshear	TX	N/A	N/A
Chambers; Ronald E.	Houston	TX	N/A	N/A

US-CL-CURRENT: 367/17; 114/242, 114/244

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Image
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☐ 6. Document ID: US 5937782 A

Entry 6 of 29

File: USPT

Aug 17, 1999

US-PAT-NO: 5937782
DOCUMENT-IDENTIFIER: US 5937782 A

TITLE: Underwater device with a sacrificial latch mechanism
DATE-ISSUED: August 17, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rau; Brien G.	Jefferson	LA	N/A	N/A

US-CL-CURRENT: 114/247; 114/245

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Image
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☐ 7. Document ID: US 5790472 A

Entry 7 of 29 File: USPT Aug 4, 1998

US-PAT-NO: 5790472
DOCUMENT-IDENTIFIER: US 5790472 A

TITLE: Adaptive control of marine seismic streamers
DATE-ISSUED: August 4, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Workman; Ricky L.	Houston	TX	N/A	N/A
Chambers; Ronald Edward	Houston	TX	N/A	N/A

US-CL-CURRENT: 367/19; 367/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Image
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☐ 8. Document ID: US 5631874 A

Entry 8 of 29 File: USPT May 20, 1997

US-PAT-NO: 5631874
DOCUMENT-IDENTIFIER: US 5631874 A

TITLE: Telemetry transmission protocol for towed hydrophone streamer
DATE-ISSUED: May 20, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mastin; Robert H.	Dallas	TX	N/A	N/A
Fletcher; Deane D.	Plano	TX	N/A	N/A
Hepp; John S.	Irving	TX	N/A	N/A

US-CL-CURRENT: 367/15; 340/870.02, 340/870.13, 367/134

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Image
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☐ 9. Document ID: US 5619474 A

Entry 9 of 29 File: USPT Apr 8, 1997

US-PAT-NO: 5619474
DOCUMENT-IDENTIFIER: US 5619474 A

TITLE: Depth control apparatus
DATE-ISSUED: April 8, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kuche; Hans-Walter	Sprockh ovel	N/A	N/A	DEX

US-CL-CURRENT: 367/17; 114/245, 114/332, 367/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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☐ 10. Document ID: US 5583824 A

Entry 10 of 29 File: USPT Dec 10, 1996

US-PAT-NO: 5583824
DOCUMENT-IDENTIFIER: US 5583824 A

TITLE: Telemetry data transmission circuit having selectable clock source
DATE-ISSUED: December 10, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fletcher; Deane D.	Plano	TX	N/A	N/A

US-CL-CURRENT: 367/21; 367/79

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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☐ 11. Document ID: US 5529011 A

Entry 11 of 29 File: USPT Jun 25, 1996

US-PAT-NO: 5529011
DOCUMENT-IDENTIFIER: US 5529011 A

TITLE: Connector for underwater cables
DATE-ISSUED: June 25, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Williams, Jr.; Oneil J.	Metairie	LA	N/A	N/A

US-CL-CURRENT: 114/245; 16/381, 24/327, 59/95

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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☐ 12. Document ID: US 5507243 A

Entry 12 of 29 File: USPT Apr 16, 1996

US-PAT-NO: 5507243
DOCUMENT-IDENTIFIER: US 5507243 A

TITLE: Connector for underwater cables
DATE-ISSUED: April 16, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Williams, Jr.; Oneil J.	Metairie	LA	N/A	N/A
Olivier; Andre W.	New Orleans	LA	N/A	N/A

US-CL-CURRENT: 114/245; 367/154

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Image
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☐ 13. Document ID: US 5450369 A

Entry 13 of 29

File: USPT

Sep 12, 1995

US-PAT-NO: 5450369
DOCUMENT-IDENTIFIER: US 5450369 A

TITLE: Telemetry transmission protocol for towed hydrophone streamer
DATE-ISSUED: September 12, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mastin; Robert H.	Dallas	TX	N/A	N/A
Fletcher; Deane D.	Plano	TX	N/A	N/A
Hepp; John S.	Irving	TX	N/A	N/A

US-CL-CURRENT: 367/21; 367/15, 367/60, 702/14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Image
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☐ 14. Document ID: US 5412621 A

Entry 14 of 29

File: USPT

May 2, 1995

US-PAT-NO: 5412621
DOCUMENT-IDENTIFIER: US 5412621 A

TITLE: Encapsulated hydrophone element for towed hydrophone array
DATE-ISSUED: May 2, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hepp; John S.	Irving	TX	N/A	N/A

US-CL-CURRENT: 367/154; 29/594, 310/337, 310/340, 367/155, 367/159, 367/162,
367/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Image
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☐ 15. Document ID: US 5404339 A

Entry 15 of 29

File: USPT

Apr 4, 1995

US-PAT-NO: 5404339
DOCUMENT-IDENTIFIER: US 5404339 A

TITLE: Retriever for a seismic streamer cable
DATE-ISSUED: April 4, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cole, Jr.; Jimmy R.	Houston	TX	N/A	N/A

US-CL-CURRENT: 367/16; 367/18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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☐ 16. Document ID: US 5400298 A

Entry 16 of 29 File: USPT Mar 21, 1995

US-PAT-NO: 5400298
DOCUMENT-IDENTIFIER: US 5400298 A

TITLE: Towed hydrophone streamer with distributed electronics housings
DATE-ISSUED: March 21, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hepp; John S.	Irving	TX	N/A	N/A

US-CL-CURRENT: 367/20; 174/101.5, 367/154

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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☐ 17. Document ID: US 5214612 A

Entry 17 of 29 File: USPT May 25, 1993

US-PAT-NO: 5214612
DOCUMENT-IDENTIFIER: US 5214612 A

TITLE: Swing plate latch mechanism
DATE-ISSUED: May 25, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Olivier; Andre W.	New Orleans	LA	N/A	N/A
Christensen; Christian J.	Harahan	LA	N/A	N/A

US-CL-CURRENT: 367/16; 114/245, 367/17, 367/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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☐ 18. Document ID: US 5200930 A

Entry 18 of 29 File: USPT Apr 6, 1993

US-PAT-NO: 5200930
DOCUMENT-IDENTIFIER: US 5200930 A

TITLE: Two-wire multi-channel streamer communication system
DATE-ISSUED: April 6, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rouquette; Robert E.	Kenner	LA	N/A	N/A

US-CL-CURRENT: 367/76

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Image
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☐ 19. Document ID: US 5199659 A

Entry 19 of 29 File: USPT Apr 6, 1993

US-PAT-NO: 5199659
DOCUMENT-IDENTIFIER: US 5199659 A

TITLE: Seismic cable retrieval apparatus and method
DATE-ISSUED: April 6, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zibilich, Jr.; Anthony M.	Mandeville	LA	N/A	N/A

US-CL-CURRENT: 242/470; 114/254, 254/134.3SC, 405/173

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Image
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☐ 20. Document ID: US 5148406 A

Entry 20 of 29 File: USPT Sep 15, 1992

US-PAT-NO: 5148406
DOCUMENT-IDENTIFIER: US 5148406 A

TITLE: Method for simultaneous collection of seismic data from shallow and deep targets
DATE-ISSUED: September 15, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brink; Munday	Drammen	N/A	N/A	NOX
Gateman; Jan	Lysaker	N/A	N/A	NOX

US-CL-CURRENT: 367/22; 367/20, 367/49, 702/14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Image
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☐ 21. Document ID: US 4928262 A

Entry 21 of 29 File: USPT May 22, 1990

US-PAT-NO: 4928262
DOCUMENT-IDENTIFIER: US 4928262 A

TITLE: Marine seismic streamer retrieval system
DATE-ISSUED: May 22, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Neeley; Walter P.	Irving	TX	N/A	N/A
Ritter; Sammie F.	Roanoke	TX	N/A	N/A

US-CL-CURRENT: 367/106; 367/16, 367/19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Image
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☐ 22. Document ID: US 4912684 A

Entry 22 of 29 File: USPT Mar 27, 1990

US-PAT-NO: 4912684
DOCUMENT-IDENTIFIER: US 4912684 A

TITLE: Seismic streamer communication system
DATE-ISSUED: March 27, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fowler; John T.	Marblehead	MA	N/A	N/A

US-CL-CURRENT: 367/76; 367/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Image
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☐ 23. Document ID: US 4890568 A

Entry 23 of 29 File: USPT Jan 2, 1990

US-PAT-NO: 4890568
DOCUMENT-IDENTIFIER: US 4890568 A

TITLE: Steerable tail buoy
DATE-ISSUED: January 2, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dolengowski; George A.	Bellaire	TX	N/A	N/A

US-CL-CURRENT: 114/246; 114/163, 114/253

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Image
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☐ 24. Document ID: US 4745583 A

Entry 24 of 29 File: USPT May 17, 1988

US-PAT-NO: 4745583
DOCUMENT-IDENTIFIER: US 4745583 A

TITLE: Marine cable system with automatic buoyancy control
DATE-ISSUED: May 17, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Motal; Gary W.	Houston	TX	N/A	N/A

US-CL-CURRENT: 367/18; 114/245, 367/106, 367/130, 367/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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☐ 25. Document ID: US 4634804 A

Entry 25 of 29 File: USPT Jan 6, 1987

US-PAT-NO: 4634804
DOCUMENT-IDENTIFIER: US 4634804 A

TITLE: Streamer cable with protective sheaths for conductor bundle
DATE-ISSUED: January 6, 1987

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Spalding; Philip C.	League City	TX	N/A	N/A

US-CL-CURRENT: 174/24; 174/101.5, 174/136, 181/112, 367/15, 367/154

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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☐ 26. Document ID: US 4566083 A

Entry 26 of 29 File: USPT Jan 21, 1986

US-PAT-NO: 4566083
DOCUMENT-IDENTIFIER: US 4566083 A

TITLE: Seismic timing control system
DATE-ISSUED: January 21, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Thigpen; Ben B.	Houston	TX	N/A	N/A

US-CL-CURRENT: 367/21; 367/23

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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☐ 27. Document ID: US 4528650 A

Entry 27 of 29 File: USPT Jul 9, 1985

US-PAT-NO: 4528650
DOCUMENT-IDENTIFIER: US 4528650 A

TITLE: Streamer cable multiplexing apparatus
DATE-ISSUED: July 9, 1985

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Howlett; Donald L.	Kingwood	TX	N/A	N/A
Meyer; Herbert J.	Bellaire	TX	N/A	N/A
Zimmer; Stanley F.	Houston	TX	N/A	N/A

US-CL-CURRENT: 367/79; 340/870.13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Image
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☐ 28. Document ID: US 4314363 A

Entry 28 of 29

File: USPT

Feb 2, 1982

US-PAT-NO: 4314363
DOCUMENT-IDENTIFIER: US 4314363 A

TITLE: Marine seismic cable handler
DATE-ISSUED: February 2, 1982

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Thigpen; Ben B.	Houston	TX	N/A	N/A
Hebert; Joel J.	Houston	TX	N/A	N/A

US-CL-CURRENT: 367/16; 114/244, 181/112, 367/106, 367/130

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Image
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☐ 29. Document ID: US 4027616 A

Entry 29 of 29

File: USPT

Jun 7, 1977

US-PAT-NO: 4027616
DOCUMENT-IDENTIFIER: US 4027616 A

TITLE: Protection means for depth control device
DATE-ISSUED: June 7, 1977

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Guenther; Robert O.	Irving	TX	N/A	N/A
Huffhines; Donald F.	Richardson	TX	N/A	N/A
Krall; James W.	Irving	TX	N/A	N/A
Ray; Charles D.	Dallas	TX	N/A	N/A

US-CL-CURRENT: 114/244; 367/17, 367/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Image
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